



Professional Technician's Seminar

Diagnostic Strategies Series

Vehicle Network Diagnostic Strategies

- This one night seminar will improve your ability to diagnose vehicle network failures.
- This course uses field developed techniques designed to shorten diagnostic time.
- Numerous case studies allow you to see the techniques in action.
- Learn to “think outside the book.”

Here's what's included:

Networks are used to control everything from the head lights to the tail lights on new vehicles. This means that the network can be responsible for engine no-start, transmission shift problems, HVAC failures, ABS DTCs, inoperative lighting and other problems. The network is supposed to simplify diagnosis by allowing scan tool control of components but often adds complexity when the network is “down.” You will need a plan of attack when your scan tool will not talk to the vehicle or a specific module.

This class will demonstrate diagnostic procedures using tools that you already have to diagnose the state of the various communications networks. Real world case studies allow you to join a working technician as he solves network problems. A variety of scan tools both OE and aftermarket will be used as well as simple test tools and an oscilloscope. This class will help keep you “on-line” when diagnosing new vehicles.

- Network Wiring Diagnosis
- Network Layouts
- Terminating Resistor Locations
- Network Test Points
- Network Protocols
- Lab Scope Usage

What You Will Learn:

- Diagnostic techniques that are quick and accurate
- How to check the network from the DLC
- How a failure in one module can effect other modules and systems
- How to find shorts and opens in network wiring
- How to effectively analyze scan data and lab scope waveforms to test the network

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MERCEDES

